

of the foot by directing at least one line of laser light along the undersurface;

at least one insole-milling station in communication with the at least one scanning station, the at least one milling station includes a milling assembly for forming the custom-made insole; and

control means for controlling the operation of the milling assembly based upon the coordinates determined by the at least one laser scanning unit.

14. (Amended) The system of claim 13, wherein the at least one laser scanning unit is movably disposed beneath the base.

15. (Amended) The system of claim 13, wherein the at least one laser scanning unit is mounted to a carrier which is movable along a length of the base.

18. (Amended) The system of claim 13, wherein the base and the first and second side portions are made of tempered glass.

19. (Amended) The system of claim 13, further comprising a plurality of laser scanning units, wherein a laser scanning unit is movably disposed along the base, the first side portion and the second side portion, respectively.

REMARKS

In response to the Office Action, claim 17 has been canceled. Claims 13-15, 18 and 19 have been amended. Accordingly, claims 1, 3, 4, 6-16 and 18-29 are pending.

Claim 17 has been canceled and the subject matter now appears in independent claim 13. Therefore, none of the amendments to the claims raises any new issues and the Amendment should be entered.

Claim 13 has been rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,088,864 to Yanagida.

Amended claim 13 recites a system for forming a custom-made insole including at least one scanning station for supporting a foot to be measured. The at least one scanning station